

Product Specification

Product code:	1513
Product name:	Natural Gamma Dodecalactone EU
Chemical name or synonyms:	(R)-5-Hydroxy dodecanoic acid γ lactone; 5-octyloxolan-2-one
Empirical formula:	C ₁₂ H ₂₂ O ₂
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Buttery, peach
Melting point (for solids only):	N/a
Boiling point:	131°C
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	0.933 - 0.943
Refractive index @ 20°C:	1.445 - 1.455
Optical Rotation:	+28° to +39°
Assay (by GLC):	97% min.
%ee (by Chiral GC):	80% min. (%R: 90% min. and %S: 10% max.)
Solubility:	Insoluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C; 24 months min.
FEMA No.:	2400
CFR No.:	172.510
EINECS No.:	218-971-6
CAS No.:	2305-05-7/69830-91-7
CoE No.:	2240
HS code:	2932.20.5050
FLAVIS No.:	10.019